

Form PTO-1449

ATTY DOCKET NO. 61-03A	SERIAL NO. 10/629,522	FILING DATE 7/28/2003
APPLICANT Chu et al.		GROUP 1642

Previously Submitted in:

= Sheet 1 of 1

Form PTO-1449

ATTY DOCKET NO. 61-03	SERIAL NO. 09/438,365	FILING DATE November 12, 1999
APPLICANT Chu		GROUP 1635

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
BJD	6,399,663	06/04/02	Haces et al.	514	642	
	6,020,202	02/01/00	Jessee	435	458	
	5,834,439	11/10/98	Haces et al.	514	42	
	5,736,392	04/07/98	Hawley-Nelson	435	320.1	
	5,674,908	10/07/97	Haces et al.	514	642	
	5,635,487	06/03/97	Wolff et al.	514	44	
	3,369,905	02/20/68	Jones et al.	96	107	
	3,324,182	06/06/67	De Brunner et al.	260	583	
	2,654,785	10/06/53	Miescher, K. et al.	260	567.6	
	2003-0069173	04/10/03	Hawley-Nelson	514	8	
	2002-0086849	07/04/02	Gebeyehu et al.	514	44	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
BJD	WO 02/34879	05/02/02	PCT	C12N 15/88		
	WO 00/12454	03/09/00	PCT	C07C 19/00		
	WO 00/58488	10/05/00	PCT	C12N 15/87		
	WO 98/19709	05/14/98	PCT	A61K 47/48		
	WO 97/42819	11/20/97	PCT	A01N 37/18		
	WO 96/40961	12/19/96	PCT	C12N 15/88		
	WO 94/27435	12/08/94	PCT	A01N 25/26		
	WO 93/14778	08/05/93	PCT	A61K 37/00		
	WO 93/05162	03/18/93	PCT	C12N 15/63		

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

bjd	Felgner et al. (1993) Keystone Symposium on Genetic Targeted Research and Therapeutics: Antisense and Gene Therapy, Keystone, CO; J. Cell. Biochem. Suppl. 0(17 Part E), p. 206, S306
	Gao, X. and Huang, L. (1993), "Cationic Liposomes and Polymers for Gene Transfer," J. Liposome Res. 3(1):17-30

EXAMINER

DATE CONSIDERED

12/23/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APPLICANT Chu et al.		
GROUP 1642		

Previously Submitted in:

				Page 1 of 1			
FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0942-465001/AVE/THW	APPLICATION NO. 09/438,365		
				APPLICANT CHU et al.			
				FILING DATE November 12, 1999	GROUP 1635		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>BJD</i>	AL3	WO 95/17373	06/29/1995	WIPO			Yes No
<i>I</i>	AM3	WO 98/19709	05/14/1998	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR						
	AS						
	AT						
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.				DATE CONSIDERED <i>12/23/05</i>			
PTO-1449 (01-02-00) 01-02-00 USPTO - U.S. GOVERNMENT PRINTING OFFICE: 2001-2002 1449							

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SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942-4650001/RUE/THH

APPLICATION NO.
D9/438,365

APPLICANT

CRU ET AL.

FILING DATE
November 12, 1999

GROUP
1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
AB						
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AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
B7b	AP2	WO 99/02190	01/21/1999	WIPO	/	Yes No

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

12/23/05

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APPLY DOCKET NO. 61-03A

SERIAL NO. 10/629,522

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U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
BJD	6,093,564	07/25/2000	Budowsky et al.	C12N	7/06	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
BJD	WO 98/29541	09/07/1998	PCT	C12N	15/00	

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

 12/23/05

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FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

0942-4650001

APPLICATION NO.

09/438,365

APPLICANT

Chu et al.

FILING DATE

November 12, 1999

GROUP

To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
AB						
BJD	AC4 5,744,335	04/28/1998	Wolff et al.	435	172.3	09/19/1995
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
BJD	AN1 FR 1,567,214	05/16/1969	France			Yes No
	AO1 WO 97/42819	11/20/1997	WIPO			Yes No
	AP1 EP 0 846 680 A1	06/10/1998	Europe			Yes No

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

AR			
AS			
BJD	AT	Z	Henkel und Cie. G.m.b.H., abstract no. 68522p, "Low-foaming detergents containing bisquaternary compounds," Chem. Abst. 72(14):116 (April 1970).

DATE CONSIDERED 12/23/05

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10250US200204091100 2002-04-16
CP-A-100

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APPLICANT Chu et al.	GROUP 1642	

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FORM PTO-1449		ATTY. DOCKET NO. 0962-4650001	APPLICATION NO. 09/438,365
FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT Chu et al.	
		FILING DATE November 12, 1999	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJS	WO 98/02190	01/22/1998	WIPO			Yes No
	WO 98/40499	09/17/1998	WIPO			Yes No
	WO 98/40502	09/17/1998	WIPO			Yes No
	WO 99/29712	06/17/1999	WIPO			Yes No
AP						Yes No

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

BJS	AR	§	McCluskie, M. et al., abstract no. 91045k, "Direct gene transfer to the respiratory tract of mice with pure plasmid and lipid-formulated DNA," Chem. Abst. 130:151 (February 1999).
	AS	§	International Search Report for International Application No. PCT/US99/26825, mailed February 22, 2000.
	AT		

EXAMINER *[Signature]* DATE CONSIDERED 12/23/05

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 0942-4650001	APPLICATION NO. 09/638,365			
			APPLICANT Chu et al.				
			FILING DATE November 12, 1999	GROUP To be assigned			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
BJD	AA1	2,695,314	11/23/1954	Kosmin, M.	260	584	08/25/1951
	AB1	2,901,461	08/25/1959	Auerbach et al.	260	47	05/05/1955
	AC1	3,152,188	10/06/1964	Kirkpatrick, W.H.	260	584	11/15/1960
	AD1	4,897,355	01/30/1990	Eppstein et al.	435	240.2	10/29/1987
	AE1	5,171,678	12/15/1992	Behr et al.	435	172.3	04/17/1990
	AF1	5,208,036	05/04/1993	Eppstein et al.	424	450	11/16/1990
	AG1	5,279,833	01/18/1994	Rose, J.K.	424	450	04/04/1990
	AK1	5,283,185	02/01/1994	Epsand et al.	435	172.3	08/28/1991
	AI1	5,334,761	08/02/1994	Gebeyehu et al.	564	197	08/28/1992
	AJ1	5,455,335	10/03/1995	Kahne et al.	536	5	04/06/1994
	AK1	5,459,127	10/17/1995	Felgner et al.	514	7	09/16/1993
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJD	AL1	EP 0 394 111 B1	06/04/1997	Europe			Yes No
	AM1	WO 96/27435 A1	12/08/1996	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	1	Bangham, A.D. et al., "Diffusion of Univalent Ions across the Lamellae of Swollen Phospholipids," J. Mol. Biol. 13:238-252 (1965).				
	AS	1	Behr, J.-P. et al., "Efficient gene transfer into mammalian primary endocrine cells with lipopolyamine-coated DNA," Proc. Natl. Acad. Sci. USA 86:6982-6986 (September 1989).				
	AT	1	Felgner, P.L. et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," Proc. Natl. Acad. Sci. USA 84:7413-7417 (November 1987).				
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APPLICANT Chu et al.

GROUP 1642

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				APPLICANT Chu et al.			
				FILING DATE November 12, 1999	GROUP To be assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
BJD	AA2	5,545,412	08/13/1996	Eppstein et al.	424	450	04/03/1995
	AB2	5,550,289	08/27/1996	Eppstein et al.	564	293	04/03/1995
	AC2	5,589,466	12/31/1996	Felgner et al.	514	44	01/26/1995
	AD2	5,667,774	09/16/1997	Figuly, G.D.	624	78.08	11/07/1996
	AE2	5,674,908	10/07/1997	Haces et al.	514	642	12/20/1993
	AF2	5,703,055	12/30/1997	Felgner et al.	514	44	01/26/1994
	AG2	5,705,385	01/06/1998	Bally et al.	435	320.1	06/07/1995
	AH2	5,719,131	02/17/1998	Harris et al.	514	44	10/20/1995
	AI2	5,736,392	04/07/1998	Hawley-Nelson et al.	435	320.1	06/04/1996
	AJ2	5,753,613	05/19/1998	Anselli et al.	514	2	05/16/1995
	AK2	5,783,565	07/21/1998	Lee et al.	514	44	02/01/1996
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	Z	Fukunaga, M. et al., "Liposome Entrapment Enhances the Hypocalcemic Action of Parenterally Administered Calcitonin," <i>Endocrinol.</i> 115:757-761 (1984).				
	AS.	Z	Gao, X. and Kuang, L., "A Novel Cationic Liposome Reagent for Efficient Transfection of Mammalian Cells," <i>Biochem. Biophys. Res. Comm.</i> 179:280-285 (August 1991).				
	AT	Z	Hart, S.L. et al., "Lipid-Mediated Enhancement of Transfection by a Nonviral Integrin-Targeting Vector," <i>Hum. Gene Ther.</i> 9:575-585 (March 1998).				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
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FORM PTO-1449				ATTY. DOCKET NO. 0942-4650001	APPLICATION NO. 09/438,365					
				APPLICANT Chu et al.						
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U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE			
BJD	AA3	5,783,566	07/21/1998	Mislick, K.A.	514	44	05/10/1996			
	AB3	5,785,992	07/28/1998	Ansell et al.	424	450	09/29/1995			
	AC3	5,795,587	08/18/1998	Gao et al.	424	450	01/23/1995			
	AD3	5,830,430	11/03/1998	Unger et al.	424	1.21	02/21/1995			
	AE3	5,830,878	11/03/1998	Gorman et al.	514	44	06/07/1995			
	AF3	5,834,439	11/10/1998	Haces et al.	514	42	01/13/1997			
	AG3	5,837,283	11/17/1998	McDonald et al.	424	450	03/12/1997			
	AH3	5,840,710	11/24/1998	Lee et al.	514	44	10/20/1995			
	AI3	5,908,635	06/01/1999	Thierry, A.	424	450	08/05/1994			
	AJ3	5,935,936	08/10/1999	Fasbender et al.	514	44	06/03/1996			
	AK3	5,948,925	09/07/1999	Keynes et al.	552	540	05/06/1997			
FOREIGN PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION			
	AL						Yes No			
	AM						Yes No			
	AN						Yes No			
	AO						Yes No			
	AP						Yes No			
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)										
BJD	AR	2	Kim, S. et al., "Preparation of Multivesicular Liposomes," <i>Biochim. Biophys. Acta</i> 728:339-348 (1983).							
	AS.	2	Mayer, L.O. et al., "Vesicles of variable sizes produced by a rapid extrusion procedure," <i>Biochim. Biophys. Acta</i> 858:161-168 (1986).							
	AT	2	Mayhew, E. et al., "Characterization of Liposomes Prepared Using a Microemulsifier," <i>Biochim. Biophys. Acta</i> 775:169-176 (1984).							
EXAMINER	<i>R</i>							DATE CONSIDERED	12/23/05	
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APPLICANT Chu et al.		GROUP 1642

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					APPLICANT Chu et al.		
					FILING DATE November 12, 1999	GROUP To be assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
BJD	AA4	5,948,767	09/07/1999	Scheule et al.	514	44	07/12/1996
	AB4	5,962,533	10/05/1999	Bergeron, Jr., R.J.	514	674	02/06/1996
AC							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	4	Olson, F. et al., "Preparation of Liposomes of Defined Size Distribution by Extrusion Through Polycarbonate Membranes," <i>Biochim. Biophys. Acta</i> 557:9-23 (1979).				
	AS	5	Rosenthal, A.F. and Geyer, R.P., "A Synthetic Inhibitor of Venom Lecithinase A," <i>J. Biol. Chem.</i> 235:2202-2206 (August 1960).				
	AT	5	Szoka Jr., F. and Papahadjopoulos, D., "Procedure for preparation of liposomes with large internal aqueous space and high capture by reverse-phase evaporation," <i>Proc. Natl. Acad. Sci. USA</i> 75:4194-4198 (1978).				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AN							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJB	AR	2	Zhou, X. et al., "Lipophilic polylysines mediate efficient DNA transfection in mammalian cells," <i>Biochim. Biophys. Acta</i> , 1065:8-16 (1991).				
	AS.	2	Life Technologies Inc. catalogue, Spectrum, pp. 1-8 (September 1999).				
	AT						
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ATTY DOCKET NO. 61-03A	SERIAL NO. 10/629,522	FILING DATE 7/28/2003
APPLICANT Chu et al.		GROUP 1642

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Information Disclosure Statement

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	New Transfection Reagents									
Application Number:	09/438365 *09/438365*									
Confirmation Number:	9217									
First Named Applicant:	Yongliang Chu									
Attorney Docket Number:	0942.4650001									
Examiner:	Janet L. Epps									
Search string:	(2654785 or 3324182 or 3369905 or 4143003 or 4889953 or 4967008 or 4946787 or 5049386 or 5091576 or 5166320 or 5198423 or 5266106 or 5264618 or 5338532 or 5354844 or 5498522 or 5527524 or 5532142 or 5547932 or 5560929 or 5578475 or 5583198 or 5587441 or 5587446 or 5589392 or 5631329 or 5574142 or 5635487 or 5658776 or 5661025 or 5670347 or 5714166 or 5736387 or 5759805 or 5773527 or 5837533 or 5854224 or 5861397 or 5866613 or 5906922 or 5837092 or 2867665).pn.									
US Patent Documents										
Note: Applicant is not required to submit a paper copy of cited US Patent Documents										
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass			
B3a	1	2654785	2003-05-27	Miescher et al.						
	2	3324182	1967-06-06	De Brunner et al.						
	3	3369905	1968-02-20	Jones et al.						
	4	4143003	1979-03-06	Haas et al.						
	5	4889953	1989-12-26	Inoue et al.						
	6	4967008	1990-10-30	Friedli et al.						
	7	4946787	1990-08-07	Eppstein et al.						

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Information Disclosure Statement

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8	5049386	1991-09-17	Eppstein et al.
9	5091576	1992-02-25	Bergeron
10	5166320	1992-11-24	Wu et al.
11	5198423	1993-03-30	Taguchi et al.
12	5266106	1993-11-30	Winnik et al.
13	5264618	1993-11-23	Felgner et al.
14	5338532	1994-08-16	Tomalia et al.
15	5354844	1994-10-11	Beug et al.
16	5498522	1996-03-12	Porter
17	5527524	1996-06-18	Tomalia et al.
18	5532142	1996-07-02	Johnston et al.
19	5547932	1996-08-20	Curiel et al.
20	5560929	1996-10-01	Hedstrand et al.
21	5578475	1996-11-26	Jessee
22	5583198	1996-12-10	Whittaker
23	5587441	1996-12-24	Frechet et al.
24	5587446	1996-12-24	Fréchet et al.
25	5589392	1996-12-31	Short
26	5631329	1997-05-20	Yin et al.
27	5574142	1996-11-12	Meyer, Jr. et al.
28	5635487	1997-06-03	Wolff et al.
29	5658776	1997-08-19	Flotte et al.
30	5661025	1997-08-26	Szoka, Jr. et al.
31	5670347	1997-09-23	Gopal
32	5714166	1998-02-03	Tomalia et al.
33	5736387	1998-04-07	Paul et al.
34	5759805	1998-06-02	Feldhaus et al.
35	5773527	1998-06-30	Tomalia et al.
36	5837533	1998-11-17	Boutin
37	5854224	1998-12-29	Lockett et al.
38	5861397	1999-01-19	Wheeler
39	5866613	1999-02-02	Bergeron
40	5906922	1999-05-25	Whittaker et al.

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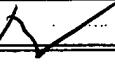
Previously Submitted in:

Information Disclosure Statement

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63b	41	5837092	1998-11-17	Grieves et al.
1	42	2867665	1959-01-06	Dornfield

Signature

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v18.0

Title of Invention	New Transfection Reagents						
Application Number:		09/438365 *09/438365*					
Confirmation Number:		9217					
First Named Applicant:		Yongliang Chu					
Attorney Docket Number:		0942.4650001					
Examiner:		Janet L. Epps					
Search string:		(4235871 or 4501728 or 4683195 or 4683202 or 4737323 or 4767699 or 4800159 or 4812449 or 4837028 or 4889818 or 4962022 or 4965188 or 5047342 or 5079352 or 5165925 or 5186923 or 5187085 or 5244797 or 5264423 or 5270179 or 5276019 or 5277897 or 5286717 or 5328470 or 5328984 or 5350672 or 5374553 or 5409818 or 5436149 or 5455166 or 5484702 or 5498523 or 5500356 or 5506212 or 5510239 or 5510476 or 5512438 or 5512462 or 5514577 or 5514787 or 5519134 or 5521291 or 5521302 or 5541307 or 5543507 or 5545540 or 5554746 or 5580859 or 5595897 or 5595096).pn.					
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	4235871	1980-11-25	Papahadopoulos et al.				
2	4501728	1985-02-26	Geho et al.				
3	4683195	1987-07-28	Mullis et al.				
4	4683202	1987-07-28	Mullis				
5	4737323	1988-04-12	Martin et al.				
6	4767699	1988-08-30	Vary et al.				

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b3	7	4800159	1989-01-24	Mullis et al.
	8	4812449	1989-03-14	Rideout
	9	4837028	1989-06-06	Allen
	10	4889818	1989-12-26	Gelfand et al.
	11	4962022	1990-10-09	Fleming et al.
	12	4965188	1990-10-23	Mullis et al.
	13	5047342	1991-09-10	Chatterjee
	14	5079352	1992-01-07	Gelfand et al.
	15	5165925	1992-11-24	Leong
	16	5186923	1993-02-16	Piwnica-Worms et al.
	17	5187085	1993-02-16	Lee
	18	5244797	1993-09-14	Kotewicz et al.
	19	5264423	1993-11-23	Cohen et al.
	20	5270179	1993-12-14	Chatterjee
	21	5276019	1994-01-04	Cohen et al.
	22	5277897	1994-01-11	Piwnica-Worms et al.
	23	5286717	1994-02-15	Cohen et al.
	24	5328470	1994-07-12	Nabel et al.
	25	5328984	1994-07-12	Pastan et al.
	26	5350672	1994-09-27	Oberst et al.
	27	5374553	1994-12-20	Gelfand et al.
	28	5409818	1995-04-25	Davey et al.
	29	5436149	1995-07-25	Barnes
	30	5455166	1995-10-03	Walker
	31	5484702	1996-01-16	Ludwig
	32	5498523	1996-03-12	Tabor et al.
	33	5500356	1996-03-19	Li et al.
	34	5506212	1996-04-09	Hoke et al.
	35	5510239	1996-04-23	Baracchini, Jr. et al.
	36	5510476	1996-04-23	Ravikumar et al.
	37	5512438	1996-04-30	Ecker
	38	5512462	1996-04-30	Cheng

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83P	39	5514577	1996-05-07	Draper et al.
	40	5514787	1996-05-07	Atkinson
	41	5519134	1996-05-21	Acevedo et al.
	42	5521291	1996-05-28	Curiel et al.
	43	5521302	1996-05-28	Cook
	44	5541307	1996-07-30	Cook et al.
	45	5543507	1996-08-06	Cook et al.
	46	5545540	1996-08-13	Mian
	47	5554746	1996-09-10	Ravikumar et al.
	48	5580859	1996-12-03	Felgner et al.
	49	5595897	1997-01-21	Midoux et al.
	50	5595096	1997-01-21	Coffman

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	New Transfection Reagents
<p>Application Number: 09/438365 *09/438365*</p> <p>Confirmation Number: 9217</p> <p>First Named Applicant: Yongliang Chu</p> <p>Attorney Docket Number: 0942.4650001</p> <p>Examiner: Janet L. Epps</p> <p>Search string: (5596091 or 5602240 or 5614365 or 5627159 or 5641662 or 5650096 or 5676954 or 5681944 or 5691460 or 5693509 or 5693773 or 5726298 or 5756353 or 5759778 or 5780053 or 5827703 or 5869606 or 5871929 or 5877309 or 5885970 or 5886165 or 5908777 or 5916807 or 5919772 or 5929226 or 5948614 or 5977306 or 5976567 or 5985558 or 6013448 or 6020202 or 6022950 or 6030626 or 6031086 or 6051429 or 6054439 or 6074826 or 6075012 or 6086913 or 6090627 or 6103492 or 6110662 or 6110916 or 6126965 or 6214804 or 6251390 or 6287817 or 6376248 or 6387395 or 20020028447 or 20020077305 or 20020156049).pn.</p>	

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
B0d	1	5596091	1997-01-21	Switzer			
	2	5602240	1997-02-11	De Mesmaeker et al.			
	3	5614365	1997-03-25	Tabor et al.			
	4	5627159	1997-05-06	Shih et al.			
	5	5641662	1997-06-24	Debs et al.			

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30	6	5650096	1997-07-22	Harris et al.
	7	5676954	1997-10-14	Brigham
	8	5681944	1997-10-28	Crooke et al.
	9	5691460	1997-11-25	Duvic et al.
	10	5693509	1997-12-02	Cotten et al.
	11	5693773	1997-12-02	Kandimalla et al.
	12	5726298	1998-03-10	Hirai et al.
	13	5756353	1998-05-26	Debs
	14	5759778	1998-06-02	Li et al.
	15	5780053	1998-07-14	Ashley et al.
	16	5827703	1998-10-27	Debs et al.
	17	5869606	1999-02-09	Whittaker
	18	5871929	1999-02-16	Barnes
	19	5877309	1999-03-02	McKay et al.
	20	5885970	1999-03-23	Bennett et al.
	21	5886165	1999-03-23	Kandimalla et al.
	22	5908777	1999-06-01	Lee et al.
	23	5916807	1999-06-29	Bennett et al.
	24	5919772	1999-07-06	Szyf et al.
	25	5929226	1999-07-27	Padmapriya et al.
	26	5948614	1999-09-07	Chatterjee
	27	5977306	1999-11-02	Grieve et al.
	28	5976567	1999-11-02	Wheeler et al.
	29	5985558	1999-11-16	Dean et al.
	30	6013448	2000-01-11	Braxton et al.
	31	6020202	2000-02-01	Jessee
	32	6022950	2000-02-08	Murphy
	33	6030626	2000-02-29	Kolattukudy et al.
	34	6031086	2000-02-29	Switzer
	35	6051429	2000-04-18	Hawley-Nelson et al.
	36	6054439	2000-04-25	Szyf et al.
	37	6074826	2000-06-13	Hogan et al.

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B3	38	6075012	2000-06-13	Gebeyehu et al.
	39	6086913	2000-07-11	Tam et al.
	40	6090627	2000-07-18	Kemp et al.
	41	6103492	2000-08-15	Yu
	42	6110662	2003-08-29	Foung et al.
	43	6110916	2000-08-29	Haces et al.
	44	6126965	2000-10-03	Kasid et al.
	45	6214804	2001-04-10	Felgner et al.
	46	6251390	2001-06-26	Harman et al.
	47	6287817	2001-09-11	Davis et al.
	48	6376248	2002-04-23	Hawley-Nelson et al.
	49	6387395	2002-05-14	Eppstein et al.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
B3	1	20020028447	2002-03-07	Li et al.	A1		
	2	20020077305	2002-06-20	Jessee et al.	A1		
	3	20020156049	2002-10-24	Haces et al.	A1		

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INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
D942.4650001/RWE/THN

APPLICATION NO.
09/438,365

APPLICANT
Chu et al.

FILING DATE
November 12, 1999

GROUP
1615

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJB	AL11	EP 0 329 822 A2	08/30/1999	Europe			Yes No
	AM11	WO 90/09180 A1	08/23/1990	WIPO			Yes No
	AN11	WO 90/11092 A1	10/04/1990	WIPO			Yes No
	AO11	WO 91/17424 A1	11/14/1991	WIPO			Yes No
	AP11	WO 92/06188 A2	04/16/1992	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
BJB	AT	57	Albrecht, T., et al., "Cationic lipide mediated transfer of c-abl and bcr antisense oligonucleotides to immature normal myeloid cells: uptake, biological effects and modulation of gene expression." Ann. Hematol. 72:73-79, Springer-Verlag (1996)

EXAMINER

DATE CONSIDERED

12/23/05

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			APPLICANT Chu et al.	FILING DATE November 12, 1999	GROUP 1635		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJO	AL12	WO 92/06200 A1	04/16/1992	WIPO			Yes No
	AM12	WO 92/20697 A1	11/26/1992	WIPO			Yes No
	AN12	WO 93/03709 A1	03/04/1993	WIPO			Yes No
	AO12	WO 93/08130 A1	04/29/1993	WIPO			X Yes No
	AP12	WO 93/19768 A1	10/14/1993	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJO	AR	58	Aslanyan, V.M. et al., "Conformation and Thermal Stability of DNA in Aqueous Solutions of β -Alanine and γ -Aminobutyric Acid," Biophysics 29:615-620, Pergamon Press, Ltd. (1984)				
	AS	58	Astatke, M., et al., "How E. coli DNA Polymerase I (Klenow fragment) Distinguishes between Deoxy- and Dideoxynucleotides," J. Mol. Biol. 278:147-165, Academic Press, Ltd. (April 1998)				
	AT	58	Barnes, W.M., "The fidelity of Taq polymerase catalyzing PCR is improved by an N-terminal deletion," Gene 112:29-35, Elsevier Science Publishers B.V. (1992)				
EXAMINER					DATE CONSIDERED 12/23/05		
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				APPLICANT Chu et al.			
				FILING DATE November 12, 1999	GROUP 1635		
U.S. PATENT DOCUMENTS							
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BJO	AI13	WO 94/02499 A1	02/03/1994	WIPO			Yes No
	AM13	WO 94/07899 A1	04/14/1994	WIPO			Yes No
	AN13	WO 94/08004 A1	04/14/1994	WIPO			Yes No
	AO13	WO 94/14475 A1	07/07/1994	WIPO			Yes No
	AP13	WO 94/17093 A1	08/04/1994	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJO	AR	59	Baskaran, N., et al., "Uniform Amplification of a Mixture of Deoxyribonucleic Acids with Varying GC Content," <i>Genome Res.</i> 6:633-638, Cold Spring Harbor Laboratory Press (1996)				
	AS	59	Behr, J-P., "Gene Transfer with Synthetic Cationic Amphiphiles: Prospects for Gene Therapy," <i>Bioconjug. Chem.</i> 5:382-389, American Chemical Society (1994)				
	AT	59	Benoist, C., et al., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> 290:304-310, Macmillan Journals, Ltd. (1981)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED <i>12/23/05</i>		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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ATTY DOCKET NO. 61-03A

SERIAL NO. 10/629,522

FILING DATE 7/28/2003

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FORM PTO-1449 EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 0942.4650001/RWE/THN APPLICATION NO. 09/438,365				
			APPLICANT Chu et al.				
			FILING DATE November 12, 1999		GROUP 1635		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
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BJD	AL14	WO 95/16028 A1	06/15/1995	WIPO			Yes No
	AM14	WO 95/20682 A1	08/03/1995	WIPO			Yes No
	AN14	DE 44 11 588 C1	09/28/1995	Germany			X Yes No
	AO14	EP 0 684 315 B1	11/29/1995	Europe			Yes No
	AP14	DE 44 11 594 C1	12/14/1995	Germany			X Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	60	Bonfanti, M., et al., "p21 ^{WIF1} -derived Peptides Linked to an Internalization Peptide Inhibit Human Cancer Cell Growth." <i>Cancer Res.</i> 57:1442-1446, American Association for Cancer Research (April 1997)				
	AS	60	Böttger, M., et al., "Condensation of vector DNA by the chromosomal protein HMGI results in efficient transfection." <i>Biochim. Biophys. Acta</i> 950:221-228, Elsevier Science Publishers B.V. (1988)				
	AT	60	Boussif, O., et al., "A versatile vector for gene and oligonucleotide transfer into cells in culture and in vivo: Polyethylenimine." <i>Proc. Natl. Acad. Sci. USA</i> 92:7297-7301, National Academy Press (1995)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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ATTY DOCKET NO. 61-03A	SERIAL NO. 10/629,522	FILING DATE 7/28/2003
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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BJP	AL15 WO 96/08723 A1	03/21/1996	WIPO			X Yes No
	AM15 WO 96/10640 A1	04/11/1996	WIPO			Yes No
	AN15 WO 96/29337 A1	09/26/1996	WIPO			Yes No
	AO15 WO 96/32474 A1	10/17/1996	WIPO			Yes No
	AP15 WO 96/35706 A1	11/14/1996	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJP	AR 61	Brunetton, E., et al., "Li ⁺ perfection does not require the removal of serum," Nucleic Acids Res. 20:1151, Oxford University Press (1992)				
	AS 61	Buche, A., et al., "Glycine and other amino compounds prevent chromatin precipitation at physiological ionic strength," FEBS Lect. 247:367-370, Elsevier Science Publishers B.V. (1989)				
	AT 61	Buche, A., et al., "Organic Osmotic Effectors and Chromatin Structure," J. Biomol. Struct. & Dynam. 8:601-618, Adenine Press (1990)				
EXAMINER					DATE CONSIDERED 12/23/05	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						

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		APPLICANT Chu et al.	FILING DATE November 12, 1999

U.S. PATENT DOCUMENTS							
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BJD		AL16 WO 97/05265 A1	02/13/1997	WIPO			Yes No
		AM16 WO 97/09451 A1	03/13/1997	WIPO			Yes No
		AN16 EP 0 821 059 A2	01/28/1998	Europe			Yes No
		AO16 WO 98/06736 A1	02/19/1998	WIPO			Yes No
		AP16 WO 98/32866 A1	07/30/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)								
BJD	AX	62	Buché, A., et al., "Effet d'Organic Effectors on Chromatin Solubility, DNA-Histone H1 Interactions, DNA and Histone H1 Structures," J. Biomol. Struct. & Dynam. 11:95-119, Adenine Press (1993)					
	AS	62	Cánovas, D., et al., "Osmoprotectants in Halomonas elongata: High-Affinity Betaine Transport System and Choline-Betaine Pathway," J. Bacteriol. 178:7221-7226, American Society for Microbiology (1996)					
	AT	62	Cánovas, D., et al., "Isolation and Characterization of Salt-sensitive Mutants of the Moderate Halophile Halomonas elongata and Cloning of the Ectoine Synthesis Genes," J. Biol. Chem. 272:25794-25801, The American Society for Biochemistry and Molecular Biology, Inc. (October 1997)					

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				APPLICANT Chu et al.					
				FILING DATE November 12, 1999		GROUP 1635			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE	
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FOREIGN PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION	
BJD	AL17	WO 98/47912 A1	10/29/1998	WIPO				Yes No	
	AM17	WO 99/05302 A1	02/04/1999	WIPO				Yes No	
	AN17	WO 99/11809 A1	03/11/1999	WIPO				Yes No	
	AO17	WO 99/24559 A2	05/20/1999	WIPO				Yes No	
	AP17	WO 99/41410 A1	08/19/1999	WIPO				Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)									
BJD	AR	61	Carninci, P., et al., "Thermosabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA," Proc. Natl. Acad. Sci. USA 95:520-524, National Academy Press (January 1998)						
	AS	61	Chambers, S.T., et al., "Dimethylbetaine Can Substitute for Glycine Betaine as an Osmoprotectant Molecule for Escherichia coli," J. Bacteriol. 169:4845-4847, American Society for Microbiology (1987)						
	AT	61	Chen, X., et al., "A self-initiating eukaryotic transient gene expression system based on cotransfection of bacteriophage T7 RNA polymerase and DNA vectors containing a T7 autogene," Nucleic Acids Res. 22:2114-2120, Oxford University Press (1994)						
EXAMINER <i>[Signature]</i>							DATE CONSIDERED <i>12/23/05</i>		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									

Form PTO-1449

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				APPLICANT Chu et al.			
				FILING DATE November 12, 1999	GROUP 1635		
U.S. PATENT DOCUMENTS							
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJP	AL18	WO 99/46400 A1	09/16/1999	WIPO			Yes No
	AM18	WO 00/58488 A2	10/05/2000	WIPO			Yes No
	AN18	WO 00/58488 A3	01/18/2001	WIPO			Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	63	Cohen, J., "Naked DNA Points Way to Vaccines," Science 259:1691-1692, American Association for the Advancement of Science (1993)				
	AS	64	Cotten, M., and Wagner, E., "Non-viral approaches to gene therapy," Curr. Opin. Biotechnol. 4:705-710, Current Biology, Ltd. (1993)				
	AT	64	Deamer, D.W., and Uster, P.S., "Liposome Preparation: Methods and Mechanisms," in Liposomes, Marc J. Ostro, ed., Marcel Dekker, Inc., New York, NY, pp.27-51 (1983)				
EXAMINER					DATE CONSIDERED 12/23/05		
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			FILING DATE November 12, 1999		GROUP 1635		
			U.S. PATENT DOCUMENTS				
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AK	65	Dean, N.M., and McKay, R., "Inhibition of protein kinase C- α expression in mice after systemic administration of phosphorothioate antisense oligodeoxynucleotides." Proc. Natl. Acad. Sci. USA 91:11762-11766, National Academy Press (1994)				
	AS	65	Elliot, G., and O'Hare, P., "Intercellular trafficking of VP22-GFP fusion proteins." Gene Ther. 6:149-151, Stockton Press (January 1999)				
	AT	65	Felgner, P.L., and Holm, M., "Cationic Liposome-Mediated Transfection." Focus 11:21-25, Life Technologies, Inc. (1989)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		

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				APPLICANT Chu et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJ-D	AR	66	Felgner, J.P.L., and Rhodes, G., "Gene therapeutics." Nature 349:351-352, Macmillan Journals, Ltd. (1991)				
	AS	66	Flaman, J-M., et al., "A rapid PCR fidelity assay." Nucleic Acids Res. 22:3259-3260, Oxford University Press (1994)				
	AT	66	Flock, S., et al., "Osmotic Effectors and DNA Structure: Effect of Glycine on Precipitation of DNA by Multivalent Cations" J. Biomol. Structur. Dyn. 13:87-102, Adenine Press (1995)				
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FOREIGN PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, title, Date, Pertinent Pages, etc.)							
<i>BJD</i>	AR	67	Flock, S., et al., "Dielectric Constant and Ionic Strength Effects on DNA Precipitation," Biophys. J. 70:1456-1465, Biophysical Society (1996)				
	AS	67	Flock, S., et al., " ²³ Na NMR Study of the Effect of Organic Osmolytes on DNA Counterion Atmosphere," Biophys. J. 71:1519-1529, Biophysical Society (1996)				
	AT	67	Foecking, M.K., and Hofstetter, H., "Powerful and versatile enhancer-promoter unit for mammalian expression vectors," Gene 45:101-105, Elsevier Science Publishers B.V. (1986)				
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				APPLICANT .. Chu et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	58	Frackman, S., et al., "Betaine and DMSO: Enhancing Agents for PCR," Promega Notes 65:27-29, Promega (February 1998)				
	AS	68	Fritz, J.D., et al., "Gene Transfer into Mammalian Cells Using Histone-Condensed Plasmid DNA," Hum. Gene Ther. 7:1395-1404, Mary Ann Liebert, Inc. (1996)				
	AT	68	Giles, R.V., "Antisense oligonucleotide technology: From EST to therapeutics," Curr. Opin. Mol. Ther. 2:238-252, PharmaPress, Ltd. (June 2000)				
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJB	AR	63	Goldman, C.K., et al., "In vitro and in vivo gene delivery mediated by a synthetic polycationic amino polymer." Nat. Biotechnol. 15:462-466. Nature America Publishing (May 1997)				
	AS	62	Gorman, C., "High Efficiency Gene Transfer into Mammalian Cells." in DNA Cloning, Vol. II. Glover, D.M., ed., IRL Press, Washington, D.C.. pp. 143-190 (1985)				
	AT	62	Gouesbet, G., et al., "Characterization of the <i>Erwinia chrysanthemi</i> Osmoprotectant Transporter Gene <i>ousA</i> ." J. Bacteriol. 178:447-455. American Society for Microbiology (1996)				
EXAMINER	<i>12</i>						DATE CONSIDERED 12/23/05

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		FILING DATE November 12, 1999	GROUP 1615

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJO	AR	70	Cubber, U., and Hoffman, B.J., "A simple and very efficient method for generating cDNA libraries," Gene 25:263-269, Elsevier Science Publishers (1983)			
	AS	70	Haensler, J., and Szoka Jr., F.C., "Polyamidoamine Cascade Polymers Mediate Efficient Transfection of Cells in Culture," Bioconjug. Chem. 4:372-379, American Chemical Society (1993)			
	AT	70	Harrison, G.S., et al., "Optimization of Gene Transfer Using Cationic Lipids in Cell Lines and Primary Human CD4 ⁺ and CD34 ⁺ Hematopoietic Cells," BioTechniques 19:816-823, Eaton Publishing Company (1995)			

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	12/23/05
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			FILING DATE November 12, 1999	GROUP 1635			
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AL							Yes No
AM							Yes No
AN							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	73	Haminski, T.A., et al., "Localization and Induced Expression of Fusion Genes in the Rat Lung," Am J. Respir Cell Mol. Biol. 4:206-209, American Thoracic Society (1991)				
	AS	71	Hengen, P.N., "Optimizing multiplex and LA-PCR with betaine," Trends Biochem. Sci. 22:225-226, Elsevier Science, Ltd. (June 1997)				
	AT	71	Henke, W., et al., "Betaine improves the PCR amplification of GC-rich DNA sequences," Nucl. Acids Res. 25:3957-3958, Oxford University Press (October 1997)				
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AL							Yes No
AM							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	72	Keywood, S.M., "tcrNA as a naturally occurring antisense RNA in eukaryotes," Nucleic Acids Res. 14:6771-6772, IRL Press (1986)				
	AS	72	Hogrefe, H., et al., "Novel PCR Enhancing Factor Improves Performance of Pfu DNA Polymerase," Strategies 10:93-96, Stratagene Cloning Systems (August 1997)				
	AT	72	Holt, C.E., et al., "Lipofection of cDNAs in the Embryonic Vertebrate Central Nervous System," Neuron 4:203-214, Cell Press (1990)				
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	71	Hope, M.J., et al., "Generation of Multilamellar and Unilamellar Phospholipid Vesicles," <i>Chem. Phys. Lipids</i> , 40:89-107, Elsevier Scientific Publishers Ireland, Ltd. (1986)				
	AS	71	Houssier, C., et al., "Effects of Compensatory Solutes on DNA and Chromatin Structural Organization in Solution," <i>Comp. Biochem. Physiol.</i> 117A:313-318, Elsevier Science, Inc. (July 1997)				
	AT	71	Houts, G.E., et al., "Reverse Transcriptase from Avian Myeloblastosis Virus," <i>J. Virol.</i> 29:517-522, American Society for Microbiology (1979)				
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	74	Isakobashvili, R., and Lapidot, A., "Low temperature cycled PCR protocol for Klenow fragment of DNA polymerase I in the presence of proline," Nucleic Acids Res. 27:1566-1568, Oxford University Press (March 1999)				
	AS	74	Innis, M.A., "PCR with 7-Deaza-2'-Deoxyguanosine Triphosphate," in PCR Protocols: A Guide to Methods and Applications, Innis, M.A., et al., eds., Academic Press, Inc., San Diego, CA, pp.54-59 (1990)				
	AT	74	Instruction Manual for "GeneTrapper" cDNA Positive Selection System, Catalog No. 10356-020, GIBCO BRL, Life Technologies, Gaithersburg, MD, pp.1-26				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
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AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>B36</i>	AR	75	Iyer, R.P., et al., "The Automated Synthesis of Sulfur-Containing Oligodeoxyribonucleotides Using JH-1,2-Benzodithiol-3-one 1,1-Dioxide as a Sulfur-Transfer Reagent," J. Org. Chem. 55:4691-4699, American Chemical Society (1990)				
	AS	75	Iyer, R.P., et al., "JH-1,2-Benzodithiole-3-one 1,1-Dioxide as an Improved Sulfurizing Reagent in the Solid-Phase Synthesis of Oligodeoxyribonucleoside Phosphorothioates," J. Am. Chem. Soc. 112:1253-1254, American Chemical Society (1990)				
	AT	75	Jakob, R., and Saenger, W., "Reversed-phase ion-pair chromatographic separation of ribulose 1,5-bisphosphate from 3-phosphoglycerate and its application as a new enzyme assay for RuBP carboxylase/oxygenase," FEBS Lett. 183:111-114, Elsevier Science Publishers B.V. (1985)				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>B-JD</i>	AR	76	Johnstone, A., and Thorpe, R., "Production of antibodies," in <i>Immunochemistry in Practice</i> , Johnstone, A., and Thorpe, R., eds., Blackwell Scientific Publications, Oxford, Great Britain, pp. 30-47, (1987)				
	AS	76	Joung, I., and Engler, J.A., "Mutations in Two Cysteine-Histidine-Rich Clusters in Adenovirus Type 2 DNA Polymerase Affect DNA Binding," <i>J. Virol.</i> 66:5788-5796, American Society for Microbiology (1992)				
	AT	76	Kondakova, N.V., et al., "Effect of Low-molecular Amines on the Conformation and Stability of the Double Helix," <i>Mol. Biol. (Mosk.)</i> 9:742-746, Izdatelstvo Nauka (1975)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED <i>12/23/05</i>		
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			FILING DATE November 12, 1999		GROUP 1635		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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AL							Yes No
AM							Yes No
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AO							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	77	English Language Translation for Kondakova, N.V., et al., "Effect of Low-molecular Amines on the Conformation and Stability of the Double Helix," Mol. Biol. (Mosk.) 9:742-746, Izdatelstvo Nauka (1975) (Document AR77)				
	AS	77	Kotewicz, M.L., et al., "Isolation of cloned Moloney murine leukemia virus reverse transcriptase lacking ribonuclease H activity," Nucleic Acids Res. 16:265-277, IRL Press, Ltd. (1988)				
	AT	77	Landre, P.A., et al., "The use of cosolvents to enhance amplification by the polymerase chain reaction," in PCR Strategies, Innis, M.A., et al., eds., Academic Press, San Diego, CA, pp. 1-16 (1995)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small>							

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AL							Yes No
AM							Yes No
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AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	78	Langel, U., et al., "Cell penetrating RNA constructs," J. Neurochem. 69(suppl):S360, Abstract 8, Lippincott-Raven Publishers (July 1997)				
	AS	78	Lau, Q.C., et al., "Abrogation of c-Raf expression induces apoptosis in tumor cells," Oncogene 16:1899-1902, Stockton Press (April 1998)				
	AT	78	Lawyer, F.C., et al., "High-level Expression, Purification, and Enzymatic Characterization of Full-Length <i>Thermus aquaticus</i> DNA Polymerase and a Truncated Form Deficient in 5' to 3' Exonuclease Activity," PCR Methods Appl. 2:275-287, Cold Spring Harbor Laboratory Press (1993)				
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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJD	AR- 79-	Le Rudulier, D. et al., "Molecular Biology of Osmoregulation," Science 224:1064-1068. American Association for the Advancement of Science (1984)
	AS 79	Li, C.-J., et al., "Nonprotein amino acids from seeds of Cycas circinalis and Phaseolus vulgaris," Phytochemistry 42:443-445. Pergamon Press (1996)
	AT 79	1995-96 GIBCO/BRL Product Catalogue and Reference Guide, pp. 19-10 and 19-12. Life Technologies, Inc. (1995)

EXAMINER	✓	DATE CONSIDERED 12/23/05
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	80	Liu, X., et al., "Hypoglycemia-induced c-Jun Phosphorylation Is Mediated by c-Jun N-terminal Kinase-1 and Lyn Kinase in Drug-resistant Human Breast Carcinoma MCP-7/ADR Cells," J. Biol. Chem. 272:11690-11693. The American Society for Biochemistry and Molecular Biology, Inc. (May 1997)				
	AS	80	Malin, G., and Lapidot, A., "Induction of Synthesis of Tetrahydropyrimidine Derivatives in Streptomyces Strains and Their Effect on Escherichia coli in Response to Osmotic and Heat Stress," J. Bacteriol. 178:385-395. American Society for Microbiology (1996)				
	AT	80	Maniatis, T., et al., "The Isolation of Structural Genes from Libraries of Eucaryotic DNA," Cell 15:687-701, MIT Press (1978)				

EXAMINER		DATE CONSIDERED
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			APPLICANT CHU et al.				
			FILING DATE November 12, 1999	GROUP 1635			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	81	Marquet, R. and Houssier, C., "Thermodynamics of Cation-Induced DNA Condensation," J. Biomol. Struct. & Dynam. 9:159-167, Adenine Press (1991)				
	AS	81	Mizuno, T., et al., "A unique mechanism regulating gene expression: Translational inhibition by a complementary RNA transcript (microRNA)," Proc. Natl. Acad. Sci. USA 81:1966-1970, National Academy Press (1984)				
	AT	81	Monia, B.P., et al., "Sequence-specific antitumor activity of a phosphorothioate oligodeoxribonucleotide targeted to human C-raf kinase supports an antisense mechanism of action in vivo," Proc. Natl. Acad. Sci. USA 93:15481-15484, National Academy Press (1996)				
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				FILING DATE November 12, 1999	GROUP 1535		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
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AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	82	Murphy, A.L., and Murphy, S.J., "Catch V222: the hitch-hiker's ride to gene therapy?" <i>Gene Ther.</i> 6:4-5, Nature Publishing Group (January 1999)				
	AS	82	Mytelka, D.S., and Chamberlin, M.J., "Analysis and suppression of DNA polymerase pauses associated with a trinucleotide consensus," <i>Nucleic Acids Res.</i> 24:2774-2781, Oxford University Press (1996)				
	AT	82	McCluskie, M.J., et al., "Direct Gene Transfer to the Respiratory Tract of Mice with Pure Plasmid and Lipid-Formulated DNA," <i>Antisense Nucleic Acid Drug Dev.</i> 8:401-414, Mary Ann Liebert, Inc. (October 1998)				
EXAMINER <i>NY</i>					DATE CONSIDERED 12/23/05		
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				GROUP 1635			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	81	Nabel, G.J., et al., "Direct gene transfer-for treatment of human cancer," Ann. NY Acad. Sci. 772:227-231, New York Academy of Sciences (1995)				
	AS	81	Nabel, G.J., et al., "Immune responses in human melanoma after transfer of an allogeneic class I major histocompatibility complex gene with DNA-liposome complexes," Proc. Natl. Acad. Sci. USA 93:15388-15393, National Academy Press (1996)				
	AT	81	Neckers, L.M., "Cellular Internalization of Oligodeoxynucleotides," in Antisense Research and Applications, Crooke, S.T. and Lebleu, B., eds., CRC Press, Inc., Boca Raton, FL, pp.451-460 (1993)				
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			FILING DATE November 12, 1999		GROUP 1635		
			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
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AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	84	Neurath, A.R. et al., "B cell epitope mapping of human immunodeficiency virus envelope glycoproteins with long (19- to 36-residue) synthetic peptides," J. Gen. Virol. 71:85-95, Society for General Microbiology (1990)					
AS	84	Niidome, T., et al., "Binding of Cationic α -Helical Peptides to Plasmid DNA and Their Gene Transfer Abilities into Cells," J. Biol. Chem. 272:15307-15312, The American Society for Biochemistry and Molecular Biology, Inc. (June 1997)					
AT	84	Okayama, H., and Berg, P., "High-Efficiency Cloning of Full-Length cDNA," Mol. Cell. Biol. 2:161-170, American Society for Microbiology (1982)					
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U.S. PATENT DOCUMENTS							
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AL							Yes No
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AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
B J#	AR	BS	Panaccio, M., et al., "POLT PCR: A Simple PCR Protocol for Amplifying DNA Directly from Whole Blood." <i>BioTechniques</i> 14:238-243, Eaton Publishing Company (1993)				
	AS	BS	Paterson, B.M., et al., "Structural gene identification and mapping by DNA-mRNA hybrid-arrested cell-free translation." <i>Proc. Natl. Acad. Sci. USA</i> 74:4370-4374, National Academy Press (1977)				
	AT	BS	Polesky, A.H., et al., "Identification of Residues Critical for the Polymerase Activity of the Klenow Fragment of DNA Polymerase I from <i>Escherichia coli</i> ." <i>J. Biol. Chem.</i> 265:14579-14591, The American Society for Biochemistry and Molecular Biology, Inc. (1990)				
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U.S. PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
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AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJP	AR	86	Prochiantz, A., "Getting hydrophilic compounds into cells: lessons from homeopeptides." Curr. Opin. Neurobiol. 6:629-634. Current Biology, Ltd. (1996)			
	AS	86	Prochiantz, A., "Peptide nucleic acid smugglers." Nat. Biotechnol. 16:819-820. Nature America Publishing (September 1998)			
	AT	86	Rafferty, J.A., and Fletcher, H.L., "Sequence analysis of a family of highly repeated DNA units in <i>Stenoderus scalaris</i> (Orthoptera)." Incl. J. Genome Res. 1:1-16. World Scientific Publishing Company (1992)			

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AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	87	Rajendrakumar, C.S.V., et al., "DNA helix destabilization by proline and betaine: possible role in the salinity tolerance process," FEBS Lett. 410:201-205, Elsevier Science B.V. (June 1997)					
AS	87	Randall, K., et al., "Accumulation of natural and synthetic betaines by a mammalian renal cell line," Biochem. Cell Biol. 74:283-287, National Research Council of Canada (1996)					
AT	87	Randall, K., et al., "Natural and synthetic betaines counter the effects of high NaCl and urea concentrations," Biochim. Biophys. Acta 1291:189-194, Elsevier Science B.V. (1996)					
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AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	88	Rees, W.A., et al., "Betaine Can Eliminate the Base Pair-Composition-Dependence of DNA Melting," Biochemistry 32:137-144, American Chemical Society (1993)				
	AS	88	Rothenberg, M., et al., "Oligodeoxynucleotides as Anti-Sense Inhibitors of Gene Expression: Therapeutic Implications," J. Natl. Cancer Inst. 81:1539-1544, Oxford University Press (1989)				
	AT	88	Saiki, R.K., et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," Science 239:487-491, American Association for the Advancement of Science (1988)				
EXAMINER					DATE CONSIDERED 12/23/05		
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR 82	AS 82	Shepard, A.R., and Rae, J.L., "Magnetic bead capture of cDNAs from double-stranded plasmid cDNA libraries," Nucleic Acids Res. 25:3183-3185, Oxford University Press (August 1997)
	AS 82	Bioactive Peptides, 1993 Sigma Chemical Company Catalogue, St. Louis, MO, pp. 1028-1034, Sigma Chemical Company (1993)
	AT 82	Soltis, D.A., and Skalka, A.M., "The α and β chains of avian retrovirus reverse transcriptase independently expressed in Escherichia coli: Characterization of enzymatic activities," Proc. Natl. Acad. Sci. USA 85:3372-3376, National Academy Press (1988)

EXAMINER

DATE CONSIDERED 12/23/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	FILING DATE November 12, 1999	GROUP 1635

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJD	AR	90	Stopeck, A.T., et al., "Phase I Study of Direct Gene Transfer of an Allogeneic Heterocompatibility-Antigen: HLA-B7, in Patients With Metastatic Melanoma." J. Clin. Oncol. 15:341-349, American Society of Clinical Oncology (January 1997)			
	AS	90	Szoka Jr., F., and Papahadjopoulos, D., "Comparative properties and methods of preparation of lipid vesicles (liposomes)." Annu. Rev. Biophys. Bioeng. 9:467-508, Annual Reviews, Inc. (1980)			
	AT	90	Tang, D-c., et al., "Genetic immunization is a simple method for eliciting an immune response." Nature 356:152-154, Nature Publishing Group (1992)			

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED 12/23/05
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				APPLICANT Chu et al.			
				FILING DATE November 12, 1999	GROUP 1635		
U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
B JB	AR	-21-	Thompson, L., "A Shot in the Arm for Vaccine Problems," Washington Post, p. AQ3 (June 7, 1993)				
	AS	21	Uhlmann, E., and Peyman, A., "Antisense Oligonucleotides: A New Therapeutic Principle," Chem. Rev. 90:544-584, American Chemical Society (1990).				
	AT	21	Ulmer, J.B., et al., "Heterologous Protection Against Influenza by Injection of DNA Encoding a Viral Protein," Science 259:1745-1749, American Association for the Advancement of Science (1993)				
EXAMINER					DATE CONSIDERED 2/23/05		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD AR	22	Urdza, M.S., "Branched DNA Signal Amplification," Bio/Technology 12:926-928, Nature Publishing Company (1994)					
	AS 22	van der Krol, A.R., et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," Biotechniques 6:958-976, Eaton Publishing Company (1988)					
	AT 22	Varadaraj, K. and Skinner, D.M., "Denaturants or cosolvents improve the specificity of PCR amplification of a G-C-rich DNA using genetically engineered DNA polymerases," Gene 140:1-5, Elsevier Science B.V. (1994)					
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FOREIGN PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>B JD</i>	AR	21	Voigt-Harbin, S.L., et al., "Identification of Extractable Growth Factors From Small Intestinal Submucosa," J. Cell. Biochem. 67:478-491, Wiley-Liss, Inc. (December 1997)				
	AS	22	Wagner, E., et al., "Transferrin-polycation-DNA complexes: The effect of polycations on the structure of the complex and DNA delivery to cells," Proc. Natl. Acad. Sci. USA 88:4255-4259, National Academy Press (1991)				
	AT	23	Wang, B., et al., "Gene inoculation generates immune responses against human immunodeficiency virus type 1," Proc. Natl. Acad. Sci. USA 90:4156-4160, National Academy Press (1993)				
EXAMINER <i>B</i>					DATE CONSIDERED <i>12/23/05</i>		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	24	Weissensteiner, T., and Lanchbury, J.S., "Strategy for Controlling Preferential Amplification and Avoiding False Negatives in PCR Typing," <i>BioTechniques</i> 21:1102-1108, Eaton Publishing Company (1996)				
	AS	24	Wen, W., et al., "Identification of a Signal for Rapid Export of Proteins from the Nucleus," <i>Cell</i> 82:463-473, Cell Press (1995)				
	AT	24	Wickstrom, E.L., et al., "Human promyelocytic leukemia HL-60 cell proliferation and c-myc protein expression are inhibited by an antisense pentadecadeoxynucleotide targeted against c-myc mRNA," <i>Proc. Natl. Acad. Sci. USA</i> 85:1028-1032, National Academy Press (1988)				
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		FILING DATE November 12, 1999	GROUP 1635

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJB	AR	92	Wickstrom, E., et al., "Down-Regulation of c-MYC Antigen Expression in Lymphocytes of Emu-c-myc Transgenic Mice Treated with Anti-c-myc DNA Methylphosphonates," Cancer Res. 52:6741-6745, American Association for Cancer Research (1992)				
	AS	92	Woodford, K., et al., "The Use of K'-free buffers eliminates a common cause of premature chain termination in PCR and PCR sequencing," Nucleic Acids Res. 23:539, Oxford University Press (1995)				
	AT	92	Zaitsev, S.V., et al., "H1 and HMG17 extracted from calf thymus nuclei are efficient DNA carriers in gene transfer," Gene Ther. 4:586-592, Stockton Press (June 1997)				

EXAMINER	/	DATE CONSIDERED	12/23/05
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U.S. PATENT DOCUMENTS							
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes
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AM							Yes
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AO							Yes
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AP							Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJP	AR	26	"Voyager". The Power of Translocation." Expressions 6:6, Life Technologies Inc. (February 1999)			
	AS	26	Dialog File 351, Accession No. 8899481, Derwent WPI English language abstract for WO 93/08130 A1 (Document AO12)			
	AT	26	Dialog File 351, Accession No. 10428036, Derwent WPI English language abstract for DE 44 11 588 C1 (Document AN14)			

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		FILING DATE November 12, 1999		GROUP 1635

U.S. PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>BJD</i>	AR	97	Dialog File 351, Accession No. 10524091, Derwent WPI English language abstract for DE 44 11 594 C1 (Document AP14)				
	AS	97	Dialog File 351, Accession No. 10655226, Derwent WPI English language abstract for WO 96/08723 A1 (Document AL15)				
	AT	97	Copy of co-pending U.S. Patent Application No. 09/266,935, filed March 12, 1999, inventors Li et al. (NOT PUBLISHED)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		

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				FILING DATE November 12, 1999	GROUP 1615		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJb	AR	28	Copy of co-pending U.S. application 09/570,526, filed May 12, 2000, inventors Astacke et al. (NOT PUBLISHED)				
+	AS	28	Copy of co-pending U.S. application 09/608,066, filed June 30, 2000, inventors Astacke et al. (NOT PUBLISHED)				
	AT						
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 12/23/03			
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			FILING DATE November 12, 1999	GROUP 1635			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
BJP	AN3	AU 158,967	02/07/1952	Australia			Yes No
	AO3	GB 892,413	03/28/1962	Great Britain			Yes No
	AP3	EP 0 187 702 B1	07/16/1986	Europe			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR						
	AS						
BJB	AT	f	Albarella, J.P. et al., "Monoadduct forming photochemical reagents for labeling nucleic acids for hybridization," Chemical Abstracts 111:385-386. Abstract No. 130176h, American Chemical Society (1989)				
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FOREIGN PATENT DOCUMENTS							
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B JB	AL4	WO 87/02061 A1	04/09/1987	WIPO			Yes No
	AM4	WO 90/09786 A1	09/07/1990	WIPO			Yes No
	AN4	EP 0 304 111 B1	10/16/1991	Europe			X Yes No
	AO4	WO 91/04668 A1	04/18/1991	WIPO			X Yes No
	AP4	WO 91/04753 A1	04/18/1991	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
B JB	AR	2	Aumailley, M., et al., "Cell-Attachment Properties of Collagen Type VI and Arg-Gly-Asp Dependent Binding to its α_2 (VI) and α_3 (VI) Chains," Exp. Cell Res. 181:463-474, Academic Press, Inc. (1989)				
	AS	2	Bartchel, F., et al., "Laboratory Methods: Gene Transfer Optimization with Lipospermine-Coated DNA," DNA Cell Biol. 12:553-560, Mary Ann Liebert, Inc. (1993)				
	AT	2	Behr, J-P., "Synthetic Gene-Transfer Vectors," Acc. Chem. Res. 26:274-278, American Chemical Society (1993)				
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BJD	ALS	WO 91/08191 A1	06/13/1991	WIPO			Yes No
	AMS	WO 91/07947 A1	06/13/1991	WIPO			Yes No
	ANS	DD 290 877 AS	06/13/1991	Germany			X Yes No
	AOS	WO 91/15501 A1	10/17/1991	WIPO			Yes No
	APS	WO 91/16024 A1	10/31/1991	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	B	Bielinska, A., et al., "Regulation of in vitro gene expression using antisense oligonucleotides or antisense expression plasmids transfected using starburst PAMAM dendrimers." Nucleic Acids Res. 24:2176-2182. Oxford University Press (1996)				
	AS	B	Bonifaci, N., et al., "Nuclear translocation of an exogenous fusion protein containing HIV Tat requires unfolding." AIDS 9:995-1000. Rapid Science Publishers (1995)				
	AT	B	Braunlin, W.H., et al., "Equilibrium Dialysis Studies of Polyamine Binding to DNA." Biopolymers 21:1301-1314, John Wiley & Sons, Inc. (1982)				
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BJD	AL6	WO 92/13570 A2	08/20/1992	WIPO			Yes No
	AM6	WO 92/21752 A1	12/10/1992	WIPO			Yes No
	AN6	EP 0 359 347 B1	12/23/1992	Europe			Yes No
	AO6	WO 92/22635 A1	12/23/1992	WIPO			Yes No
	AP6	WO 93/05162 A1	03/18/1993	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	2	Budkar, S.V., et al., "Protein/Amphiphilic Polyamine Complexes Enable Highly Efficient Transfection with Minimal Toxicity," Biotechniques 23:139-147, Eaton Publishing Company (July 1997)				
	AS	2	Caminati, G., et al., "Photophysical Investigation of Starburst Dendrimers and Their Interactions with Anionic and Cationic Surfactants," J. Am. Chem. Soc. 112:8515-8522, American Chemical Society (1990)				
	AT	2	Carrasco, L., "Modification of Membrane Permeability Induced by Animal Viruses Early in Infection," Virology 113:623-629, Academic Press, Inc. (1981)				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJD	AL7	WO 93/07282 A1	04/15/1993	WIPO			X Yes No
	AM7	WO 93/07283 A1	04/15/1993	WIPO			X Yes No
	AN7	AU-B-26526/92	05/03/1993	Australia			Yes No
	AO7	EP 0 544 292 A2	06/02/1993	Europe			X Yes No
	AP7	WO 93/19768 A1	10/14/1993	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	10	Carrasco, L. and Esteban, M.: "Modification of Membrane Permeability in Vaccinia Virus-Infected Cells." Virology 117:62-69, Academic Press, Inc. (1982)				
	AS	10	Ciccarone, V., et al., "Cationic liposome-mediated transfection of eukaryotic cells: High efficiency nucleic acid delivery with lipofectin®, lipofectace™, and lipofectamine® reagents." FASEB J. 7:A1131, Abstract No. 454, Federation of American Societies for Experimental Biology (1993)				
	AT	10	Ciccarone, V., et al., "DMRIE-C reagent for transfection of suspension cells and for RNA transfections." Focus 17:84-87, Life Technologies, Inc. (1995)				
EXAMINER /					DATE CONSIDERED 12/23/05		
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
B3P	ALB	WO 94/04696 A1	03/03/1994	WIPO			Yes No
	AMB	WO 94/05624 A1	03/17/1994	WIPO			Yes No
	ANB	WO 94/23751 A1	10/27/1994	WIPO			X Yes No
	AOB	WO 95/02397 A1	01/26/1995	WIPO			Yes No
	APB	WO 95/21259 A1	08/10/1995	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
B3P	AR	11	Cicavsky, V., et al., "Nuclear Localization of Agrobacterium VirE2 Protein in Plant Cells," Science 256:1802-1805, American Association for the Advancement of Science (1992)				
	AS	11	Cotten, M., et al., "Transferrin-polycation-mediated introduction of DNA into human leukemic cells: Stimulation by agents that affect the survival of transfected DNA or modulate transferrin receptor levels," Proc. Natl. Acad. Sci. USA 87:4033-4037, National Academy Press (1990)				
	AT	11	Cotten, M., et al., "High-efficiency receptor-mediated delivery of small and large (48 kilobase gene constructs using the endosome-disruption activity of defective or chemically inactivated adenovirus particles," Proc. Natl. Acad. Sci. USA 89:6094-6098, National Academy Press (1992)				
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BJO	AL9 WO 95/24221 A1	09/14/1995	WIPO			Yes No
	AM9 WO 95/31557 A1	11/23/1995	WIPO			Yes No
	AN9 WO 96/01841 A1	01/25/1996	WIPO			Yes No
	AO9 WO 96/10038 A1	04/04/1996	WIPO			Yes No
	AP9 WO 96/05218 A1	02/22/1996	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJO	AR 12	Curiel, D.T., et al., "Adenovirus enhancement of transferrin-polylysine-mediated gene delivery," "Proc. Natl. Acad. Sci. USA" 88:8856-8854; National Academy Press (1991)				
	AS 12	Curiel, D.T., et al., "High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes," Hum. Gene Ther. 3:147-154, Mary Ann Liebert, Inc. (1992)				
	AT 12	Curiel, D.T., et al., "Gene Transfer to Respiratory Epithelial Cells via the Receptor-mediated Endocytosis Pathway," Am. J. Respir. Cell Mol. Biol. 6:247-252, American Thoracic Society (1992)				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BJ0	AL10	WO 96/15811 A1	05/30/1996	WIPO			Yes No
	AM10	WO 96/22321 A1	07/25/1996	WIPO			Yes No
	AN10	WO 96/22765 A1	08/01/1996	WIPO			Yes No
	AO10	WO 96/31549 A1	10/10/1996	WIPO			X Yes No
	AP10	WO 98/14439 A1	04/09/1998	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJ0	AR	11	Dattagupta, N. and Albaekla, J.P., "Photochemical nucleic acid-labeling reagent having a polyalkylamine spacer," Chemical Abstracts 114:383, Abstract No. 114:78227w, American Chemical Society (1991)				
	AS	11	Dayhoff, M.O., et al., "A Model of Evolutionary Change in Proteins," in Atlas of Protein Sequence and Structure, Vol.5, Suppl. 3, Dayhoff, M.O., ed., National Biomedical Research Foundation, Washington, D.C. pp.345-352 (1978)				
	AT	11	De Robertis, E.M., et al., "Intracellular migration of nuclear proteins in Xenopus oocytes," Nature 272:254-256, Macmillan Journals, Ltd. (1978)				
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	14	Dedhar, S., et al., "A Cell Surface Receptor Complex for Collagen Type I Recognised the Arg-Gly-Asp Sequence," J. Cell Biol. 104:585-593, The Rockefeller University Press (1987)				
	AS	14	Demeneix, B.A., et al., "Gene transfer into intact vertebrate embryos," Int. J. Dev. Biol. 35:481-484, UBC Press (1991)				
	AT	14	Dingwall, C., and Laskey, R.A., "Nuclear targeting sequences - a consensus?" Trends Biochem. Sci. 16:478-481, Elsevier Science Publishers, (UK) (1991)				
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AL						Yes No	
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AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
B-JD	AR	15	Dingwall, C., et al., "Human immunodeficiency virus 1 tat protein binds trans-activation-responsive region (TAR) RNA in vitro." Proc. Natl. Acad. Sci. USA 86:6925-6929. National Academy Press (1989)				
	AS	15	Duzgunes, N., et al., "Fusion of Liposomes Containing a Novel Cationic Lipid, N-[2,3-(Dioleyloxy)propyl]-N,N,N-trimethylammonium: Induction by Multivalent Anions and Asymmetric Fusion With Acidic Phospholipid Vesicles." Biochemistry 28:9179-9184. American Chemical Society (1989)				
	AT	15	Dwarki, V.J., et al., "Cationic Liposome-Mediated RNA Transfection." Methods Enzymol. 217:644-654. Academic Press, Inc. (1993)				
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
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AO						Yes No
AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJD	AR 16	Epand, R.M., et al., "Peptide Models for the Membrane Destabilizing Actions of Viral Fusion Proteins." <i>Biopolymers</i> 32:309-314, John Wiley & Sons, Inc. (1992)				
	AS 16	Bytan, G.D., "Use of Liposomes for reconstitution of biological functions." <i>Biochim. Biophys. Acta</i> 694:185-202, Elsevier Biomedical Press (1982)				
	AT 16	Fawell, S., et al., "Tat-mediated delivery of heterologous proteins into cells." <i>Proc. Natl. Acad. Sci. USA</i> 91:664-668, National Academy Press (1994)				
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AL							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	17	Felgner, P.L., and Ringold, G.M., "Cationic liposome-mediated transfection," Nature 337:387-388. Nature Publishing Group (1989)				
	AS	17	Finlay, D.R., et al., "Nuclear transport in vitro," J. Cell Sci. Suppl. 11:225-242, The Company of Biologists Ltd. (1989)				
	AT	17	FitzGerald, D.J.P., et al., "Adenovirus-Induced Release of Epidermal Growth Factor and Pseudomonas Toxin into the Cytosol of KB Cells during Receptor-Mediated Endocytosis," Cell 32:607-617, Cell Press (1983)				
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AL							Yes No
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AN							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJO	AR	18	Frankel, A.B., et al., "Activity of synthetic peptides from the Tac protein of human immunodeficiency virus type 1." Proc. Natl. Acad. Sci. USA 86:7397-7401, National Academy Press (1989)				
	AS	18	Friedlander, D.R., et al., "Functional Mapping of Cytactin: Proteolytic Fragments Active in Cell-Substrate Adhesion." J. Cell Biol. 107:2329-2340, The Rockefeller University Press (1988)				
	AT	18	Gao, X., and Huang, L., "Potentiation of Cationic Liposome-Mediated Gene Delivery by Polycations," Biochemistry 35:1027-1036, American Chemical Society (1996)				
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BJD	AR	12	Garcia-Bustos, J., et al., "Nuclear protein localization," <i>Biochim. Biophys. Acta</i> 1071:83-101, Elsevier Science Publishers B.V. (1991)				
	AS	12	Gardner, J.M., and Hynes, R.O., "Interaction of Fibronectin with Its Receptor on Platelets," <i>Cell</i> 42:439-448, Cell Press (1985)				
	AT	12	Garrigues, B., and Vidaud, L., "Synthesis of spermine and spermidine selectively substituted on the secondary amine functions," <i>Chemical Abstracts</i> 111:593, Abstract No. 23282t, American Chemical Society (1989)				
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BJP	AR	20	Goldfarb, D.S., et al., "Synthetic peptides as nuclear localization signals," Nature 322:641-644, Nature Publishing Group (1990)				
	AS	20	Goldfarb, D., and Michaud, N., "Pathways for the nuclear transport of proteins and RNAs," Trends Cell Biol. 1:20-24, Elsevier Science Publishers, Ltd (UK) (1991)				
	AT	20	Gould-Fogerite, S., et al., "Chimerosome-mediated gene transfer in vitro and in vivo," Gene 84:429-438, Elsevier (1989)				
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	21	Grant, D.B.; et al., "Two Different Laminin Domains Mediate the Differentiation of Human Endothelial Cells into Capillary-like Structures In Vitro," Cell 58:933-943, Cell Press (1989)				
	AS	21	Hackh's Chemical Dictionary, 4th ed., Grant, J., ed., McGraw-Hill Book Company, New York, NY p.391 (1969)				
	AT	21	Kaenler, J., and Stoka Jr., F.C., "Polyamidoamine Cascade Polymers Mediate Efficient Transfection of Cells in Culture," Bioconjug. Chem. 4:372-379, American Chemical Society (1993)				
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AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJB	AR	22	Hagstrom, J.E., et al., "Complexes of non-cationic liposomes and histone H1-mediated efficient transfection of DNA without encapsulation." <i>Biochim. Biophys. Acta</i> 1284:47-55. Elsevier Science B.V. (1996)				
	AS	22	Hamana, K., et al., "N'-Methylthermospermine in leguminous seeds." <i>Chemical Abstracts</i> 117:427. Abstract No. 117:86733g, American Chemical Society (1992).				
	AT	22	Harbottle, R.C., et al., "RGD-mediated gene delivery and expression in epithelial cells." <i>Gene Therapy and Molecular Medicine. Keystone Symposium, Steamboat Springs, CO., March 26-April 1, 1995.</i> <i>J. Cell Biochem. Suppl.</i> 21A:394. Abstract No. C6-321. Wiley-Liss (1995)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

Form PTO-1449

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	APPLICANT Chu et al.	
	FILING DATE November 12, 1999	GROUP 1635

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJP	AR	21	Heaverstick, D.M., et al., "Inhibition of Platelet Adhesion to Fibronectin, Fibronogen, and von Willebrand Factor Substrates by a Synthetic Tetrapeptide Derived From the Cell-Binding Domain of Fibronectin." Blood 66:946-952. Harcourt Brace Jovanovich (1985)			
	AS	21	Hawley-Nelson, P., et al., "LipofectAMINE" reagent: A new, higher efficiency polycationic liposome transfection reagent." Focus 15:73-79. Life Technologies, Inc. (1993)			
	AT	21	Hetschko, M., and Gosselk, J., "Reaktionen von sulfoniumsalzen des 1,3-dithiolans und seiner 2,2-substitutionsprodukte," Tetrahedron Lett. 17:1691-1692. Pergamon Press (1972)			
EXAMINER					DATE CONSIDERED 12/23/05	
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				FILING DATE November 12, 1999	GROUP 1635		
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FOREIGN PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
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AO							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
B JP	AR	24	Huckett, B., et al., "Evidence for targeted gene transfer by receptor-mediated endocytosis." Biochem. Pharmacol. 40:253-263, Pergamon Press (1990)				
	AS	24	Humphries, M.J., et al., "Identification of an Alternatively Spliced Site in Human Plasma Fibronectin That Mediates Cell Type-specific Adhesion." J. Cell Biol. 103:2637-2647, The Rockefeller University Press (1986)				
	AT	24	Humphries, M.J., et al., "Identification of Two Distinct Regions of the Type III Connecting Segment of Human Plasma Fibronectin That Promote Cell Type-specific Adhesion." J. Biol. Chem. 262:6886-6892, American Society for Biochemistry and Molecular Biology (1987)				
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U.S. PATENT DOCUMENTS

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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJD	AR	25	Ito, A., et al., "Synthetic cationic amphiphiles for liposome-mediated DNA transfection," Biochem. Incl. 22:235-241, Academic Press Australia (1990)
	AS	25	Kalderon, D., et al., "A Short Amino Acid Sequence Able to Specify Nuclear Location," Cell 39:499-509, Cell Press (1984)
	AT	25	Kamata, H., et al., "Amphiphilic peptides enhance the efficiency of liposome-mediated DNA transfection," Nucleic Acids Res. 22:536-537, Oxford University Press (1994)

EXAMINER

DATE CONSIDERED 12/23/05

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AM							Yes
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AN							Yes
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AO							Yes
							No
AP							Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJP	AR	26	Kaneda, Y., et al., "The Improved Efficient Method for Introducing Macromolecules into Cells Using HVJ (Sendai Virus) Liposomes with Gangliosides," <i>Exp. Cell Res.</i> 173:56-69, Academic Press, Inc. (1987)
	AS	26	Kaneda, Y., et al., "Introduction and Expression of the Human Insulin Gene in Adult Rat Liver," <i>J. Biol. Chem.</i> 264:12126-12129, The American Society for Biochemistry and Molecular Biology, Inc. (1989)
	AT	26	Kaneda, Y., et al., "Increased Expression of DNA Coinroduced with Nuclear Protein in Adult Rat Liver," <i>Science</i> 243:375-378, American Association for the Advancement of Science (1989)
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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B J P	AR	27	Karlsson, S., et al., "Transfer of genes into hematopoietic cells using recombinant DNA viruses," Proc. Natl. Acad. Sci. USA 82:158-162, National Academy Press (1985)
	AS	27	Kielian, M., and Helenius, A., "Entry of Alphaviruses" in The Togaviridae and Flaviviridae, Schlesinger, S., and Schlesinger, M.J., eds., Plenum Press, New York, NY, pp.91-119 (1986)
	AT	27	Kirsch, T., et al., "Cloning, High-Yield Expression in Escherichia coli, and Purification of Biologically Active HIV-1 Tat Protein," Protein Expr. Purif. 8:75-84, Academic Press, Inc. (1996)

EXAMINER *[Signature]* DATE CONSIDERED 12/23/05

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FOREIGN PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJO	AR	28	Klappe, K.L. et al., "Parameters Affecting Fusion between Sendai Virus and Liposomes. Role of Viral Proteins, Liposome Composition, and pH." Biochemistry 25:8252-8260, American Chemical Society (1986)				
	AS	28	Knodis, Z. and Valiuliene, S., "New reactions of 1,1-diamines," Chemical Abstracts 120:1056, Abstract No. 270276b, American Chemical Society (1994)				
	AT	28	Konopka, K., et al., "Enhancement of human immunodeficiency virus type 1 infection by cationic liposomes: the role of CD4, serum and liposome-cell interactions," J. Gen. Virol. 72:2685-2696, Society for General Microbiology (1991)				
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AL							Yes
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AP							Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	29	Kraaijeveld, C.A., et al., "The effect of liposomal charge on the neutralizing antibody response against inactivated encephalomyocarditis and Seeliki Forest viruses," Clin. Exp. Immunol. 56:509-514, Blackwell Scientific Publications (1984)				
	AS	29	Kukowska-Latallo, J.F., et al., "Efficient transfer of genetic material into mammalian cells using Starburst polyamidoamine dendrimers," Proc. Natl. Acad. Sci. USA 93:4897-4902, National Academy Press (1996)				
	AT	22	Lanford, R.E., et al., "Comparison of Diverse Transport Signals in Synthetic Peptide-Induced Nuclear Transport," Exp. Cell Res. 186:32-38, Academic Press, Inc. (1990)				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>BJB</i>	AR	10	Lanford, R.E., et al., "Induction of Nuclear Transport With a Synthetic Peptide Homologous to the SV40 T Antigen Transport Signal," Cell 46:575-582, Cell Press (1986)				
	AS	10	Lapidot, M., and Loyter, A., "Fusion-Mediated Microinjection of Liposome-Enclosed DNA into Cultured Cells with the Aid of Influenza Virus Glycoproteins," Exp. Cell Res. 189:241-246, Academic Press, Inc. (1990)				
	AT	10	Lawler, J., et al., "Cell Attachment to Thrombospondin: The Role of ARG-GLY-ASP, Calcium, and Integrin Receptors," J. Cell. Biol. 107:2351-2361, The Rockefeller University Press (1988)				
EXAMINER <i>/2</i>					DATE CONSIDERED 12/23/05		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	11	Ledley, F.D., "Clinical Considerations in the Design of Protocols for Somatic Gene Therapy." <i>Nat. Gene Ther.</i> 2:77-83, Mary Ann Liebert, Inc. (1991)				
	AS	11	Legendre, J-Y., et al., "Delivery of Plasmid DNA into Mammalian Cell Lines Using pH-Sensitive Liposomes: Comparison with Cationic Liposomes." <i>Pharm. Res.</i> 9:1235-1242, Plenum Publishing Corporation (1992)				
	AT	11	Legendre, J-Y., et al., "Cyclic amphipathic peptide-DNA complexes mediate high-efficiency transfection of adherent mammalian cells." <i>Proc. Natl. Acad. Sci. USA</i> 90:893-897, National Academy Press (1993)				
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ATTY. DOCKET NO.
0942.1650001/RWE/THN

APPLICATION NO.
09/438,365

APPLICANT
Chu et al.

FILING DATE
November 12, 1999

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJP	AR	32	Life Technologies 1993-1994 Catalog and Reference Guide, pp. 9-19 to 9-21, i-66; R-48 to R-51, Life Technologies, Inc. (1993)
	AS	32	Liljeström, P., and Garoff, H., "A new generation of animal cell expression vectors based on the Semliki Forest virus replicon," Biotechnology (N.Y.) 9:1356-1361, Nature Publishing Company (1991)
	AT	32	Loeffler, J-P., and Behr, J-P., "Gene Transfer into Primary and Established Mammalian Cell Lines with Lipopolyamine-Coated DNA," Methods Enzymol. 217:599-618. Academic Press, Inc. (1993)

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AN							Yes No
AO							Yes No
AP							Yes No

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BJP	AR	11	Loyter, A., et al., "Mechanisms of DNA uptake by mammalian cells: Rate of exogenously added DNA monitored by the use of fluorescent dyes," Proc. Natl. Acad. Sci. USA 79:422-426, National Academy Press (1982)			
	AS	11	Malone, R.W. et al., "Cationic liposome-mediated RNA transfection," Proc. Natl. Acad. Sci. USA 86:6077-6081, National Academy Press (1989)			
	AT	11	Mann, D.A., and Frankel, A.D., "Endocytosis and targeting of exogenous HIV-1 Tat protein," EMBO J. 10:1733-1739, Oxford University Press (1991)			
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AL							Yes
AM							No
AN							Yes
AO							No
AP							Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	24	Margoli, M., et al., "Interactions of Semliki Forest Virus Spike Glycoprotein Rosettes and Vesicles with Cultured Cells," J. Cell Biol. 96:455-461, The Rockefeller University Press (1983)				
	AS	24	Mason, P.W., et al., "RGD sequence of foot-and-mouth disease virus is essential for infecting cells via the natural receptor but can be bypassed by an antibody-dependent enhancement pathway," Proc. Natl. Acad. Sci. USA 91:1932-1936, National Academy Press (1994)				
	AT	24	Mazur, W., et al., "The Efficiency of Lipofectin-Mediated Gene Transfer into Porcine and Human Coronary Smooth Muscle Cells is Dramatically Improved by the Influenza Virus Hemagglutinin Antigen," J. Am. Coll. Cardiol. Suppl. 21:186A, Abstract No. 889-31, Elsevier (1993)				
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AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	15	Miyanohara, A., et al., "Partial Cell-Free Assembly of VSV-G Pseudotyped Retrovirus Particles: Molecular and Cell Biology of Gene Therapy," Keystone, Colorado, meeting date January 19-25, 1998, Abstract No. 007, p.34, Keystone Symposia (December 1997)				
	AS	15	Murata, M., et al., "Modification of the N-terminus of membrane fusion-active peptides blocks the fusion activity," Biochem. Biophys. Res. Commun. 179:1050-1055, Academic Press, Inc. (1991)				
	AT	15	Neugebauer, J.M., "Detergents: An Overview," Methods Enzymol. 182:239-253, Academic Press, Inc. (1990)				
EXAMINER <i>12</i>					DATE CONSIDERED <i>12/23/05</i>		
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				APPLICANT Chu et al.			
				FILING DATE November 12, 1999	GROUP 1635		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	16	Otero, M-J., and Carrasco, L., "Proteins are Cointernalized with Virion Particles during Early Infection," Virology 180:75-80, Academic Press, Inc. (1987)				
	AS	16	Parente, R.A., et al., "Association of a pH-Sensitive Peptide with Membrane Vesicles: Role of Amino Acid Sequence," Biochemistry 29:8713-8719, American Chemical Society (1990)				
	AT	16	Parente, R.A., et al., "Mechanism of Leakage of Phospholipid Vesicle Contents Induced by the Peptide GALA," Biochemistry 29:8720-8728, American Chemical Society (1990)				
EXAMINER					DATE CONSIDERED 12/23/05		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
BJD	AR	27	Pastan, I.H., and Willingham, M.C., "Journey to the Center of the Cell: Role of the Receptosome," Science 264:504-509, American Association for the Advancement of Science (1981)			
	AS	27	Pepinsky, R.B., et al., "Specific Inhibition of a Human Papillomavirus E2 Trans-Activator by Intracellular Delivery of Its Repressor," DNA Cell Biol. 13:1011-1019, Mary Ann Liebert, Inc. (1994)			
	AT	27	Phalen, T., and Kielian, M., "Cholesterol Is Required for Infection by Semliki Forest Virus," J. Cell Biol. 112:615-623, The Rockefeller University Press (1991)			
EXAMINER				DATE CONSIDERED 12/23/03		
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				APPLICANT Chu et al.			
				FILING DATE November 12, 1999	GROUP 1615		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	18	Pierschbacher, M.D., and Ruoslahti, E., "Cell attachment activity of fibronectin can be duplicated by small synthetic fragments of the molecule," Nature 309:30-33, Nature Publishing Group (1984)				
	AS	18	Pierschbacher, M.D., and Ruoslahti, E., "Influence of Stereochemistry of the Sequence Arg-Gly-Asp-Xaa on Binding Specificity in Cell Adhesion," J. Biol. Chem. 262:17294-17298, The American Society for Biochemistry and Molecular Biology, Inc. (1987)				
	AT	18	Pinnaduwage, P., et al., "Use of a quaternary ammonium detergent in liposome mediated DNA transfection of mouse L-cells," Biochim. Biophys. Acta 985:33-37, Elsevier (1989)				
EXAMINER /					DATE CONSIDERED 12/23/05		
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AL							Yes No
AM							Yes No
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AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
B3b	AR	12	Poste, G., et al., "Lipid Vesicles as Carriers for Introducing Biologically Active Materials into Cells," Methods Cell Biol. 14:33-71, Academic Press, Inc. (1976)				
	AS	19	'Eukaryotic transcription and Reporter Systems', 1993/94 Promega Catalog, p.251 Promega Corporation (1993)				
	AT	12	Remy, J-S., et al., "Targeted gene transfer into hepatoma cells with lipopolyamine-condensed DNA particles presenting galactose ligands: A stage toward artificial virus." Proc. Natl. Acad. Sci. USA 92:1744-1748, National Academy Press (1995)				
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		APPLICANT Chu et al.	
		FILING DATE November 12, 1999	GROUP 1635

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AL							Yes
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AO							Yes
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AP							Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>BJP</i>	AR	40	Rihs, H-P., et al., "The rate of nuclear cytoplasmic protein transport is determined by the casein kinase II site flanking the nuclear localization sequence of the SV40 T-antigen," EMBO J. 10:633-639, Oxford University Press (1991)				
	AS	40	Rihs, H-P., and Peters, R., "Nuclear transport kinetics depend on phosphorylation-site-containing sequences flanking the karyophilic signal of the Simian virus 40 T-antigen," EMBO J. 8:1479-1484, IRL Press (1989)				
	AT	40	Rose, J.K., et al., "A New Cationic Liposome Reagent Mediating Nearly Quantitative Transfection of Animal Cells," Biotechniques 10:520-525, Eaton Publishing Company (1991)				

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	12/23/03

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U.S. PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
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AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BOD	AR	11	Rosenkranz, A.A., et al., "Receptor-Mediated Endocytosis and Nuclear Transport of a Transfecting DNA Construct," <i>Exp. Cell Res.</i> 199:321-329, Academic Press, Inc. (1992)				
	AS	11	Ruoslahti, E., and Pierschbacher, M.D., "New Perspectives in Cell Adhesion: RGD and Integrins," <i>Science</i> 238:491-497, American Association for the Advancement of Science (1987)				
	AT	11	Sands, J.A., "Virucidal activity of cetyltrimethylammonium bromide below the critical micelle concentration," <i>FEMS Microbiol. Lett.</i> 36:261-263, Elsevier (1986)				
EXAMINER					DATE CONSIDERED 12/23/05		
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AL							Yes
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AO							No
AP							Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	42	Schlegel, R., et al., "Inhibition of VSV Binding and Infectivity by Phosphatidylserine: Is Phosphatidylserine a VSV-Binding Site?" Cell 32:639-646, Cell Press (1983)				
	AS	42	Schlegel, R., and Wade, M., "Biologically Active Peptides of the Vesicular Stomatitis Virus Glycoprotein," J. Virol. 53:319-323, American Society for Microbiology (1985)				
	AT	42	Scheule, R.K., "Novel Preparation of Functional Sindbis Virosomes," Biochemistry 25:4223-4232, American Chemical Society (1986)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/13/05		
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
<i>BJO</i>	AR	41	Schmid, N., and Hehr, J.-P., "Location of Spermine and Other Polyamines on DNA As Revealed by Photoaffinity Cleavage with Polyaminobenzenediazonium Salts," Biochemistry 30:4357-4361, American Chemical Society (1991)			
	AS	41	Seth, P., et.al., "Pathway of Adenovirus Entry into Cells," in Virus Attachment and Entry into Cells, Crowell, R.L., and Lonberg-Holm, K., eds., American Society for Microbiology, Washington, D.C., pp. 191-195 (1986)			
	AT	41	Silver, P.A., "How Proteins Enter the Nucleus," Cell 64:489-497, Cell Press (1991)			

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>12/23/05</i>
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INFORMATION DISCLOSURE STATEMENT

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0942.4650001/RWE/THN

APPLICATION NO.
09/438,365

APPLICANT
Chu et al.

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November 12, 1999

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1635

U.S. PATENT DOCUMENTS

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	AL						Yes
	AM						No
	AN						Yes
	AO						No
	AP						Yes

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BJD</i>	AR	<u>44</u>	Smillie, C.E.W. and Ludwig, G.H., "Enhancement of the plaque-forming capacity of poliovirus ribonucleic acid with basic proteins." J. Bacteriol. 84:1035-1040. The Williams & Wilkins Company (1962)
	AS	<u>44</u>	Stegmann, T., et al., "Protein-mediated membrane fusion." Annu. Rev. Biophys. Biophys. Chem. 18:187-211. Annual Reviews, Inc. (1989)
	AT	<u>44</u>	Sugawa, H., et al., "Large Macromolecules Can Be Introduced into Cultured Mammalian Cells Using Erythrocyte Membrane Vesicles." Exp. Cell Res. 159:410-418. Academic Press, Inc. (1985)

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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJD	AR	45	Suruki, S., et al., "Complete amino acid sequence of human vitronectin deduced from cDNA. Similarity of cell attachment sites in vitronectin and fibronectin." EMBO J. 4:2519-2524, IRL Press, Ltd. (1985)
	AS	45	Tang, M.X., et al., "In Vitro Gene Delivery by Degraded Polyamidoamine Dendrimers." Bioconjug. Chem. 7:703-714, American Chemical Society (1996).
	AT	45	Tikhonenko, T.I., et al., "Transfer of condensed viral DNA into eukaryotic cells using proteoliposomes." Gene 63:321-330, Elsevier (1988)

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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJB	AR	96	"Transfection Reagent" in "Genetic Engineering News," Mary Ann Liebert, Inc., p. 12, column 3, (June 1993)				
	AS	96	Trubetskoy, V.S., et al., "Use of N-terminal Modified Poly(L-lysine)-Antibody Conjugate as a Carrier for Targeted Gene Delivery in Mouse Lung Endothelial Cells," Bioconjug. Chem. 3:323-327, American Chemical Society (1992)				
	AT	96	Väinänen, P., and Kääriäinen, L., "Fusion and Haemolysis of Erythrocytes caused by Three Togaviruses: Semliki Forest, Sindbis and Rubella," J. Gen. Virol. 46:467-475, Cambridge University Press (1980)				
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	AM						No
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	AO						No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	47	Van'Zee, K., et al., "A Hydrophobic Protein Sequence Can Override a Nuclear Localization Signal Independently of Protein Context," Mol. Cell. Biol. 11:5137-5146, American Society for Microbiology (1991)				
	AS	47	Vives, E., et al., "A Truncated HIV-1 Tat Protein Basic Domain Rapidly Translocates through the Plasma Membrane and Accumulates in the Cell Nucleus," J. Biol. Chem. 272:16010-16017, The American Society for Biochemistry and Molecular Biology, Inc. (June 1997)				
	AT	47	Wagner, E., et al., "Coupling of adenovirus to transferrin-polylysine/DNA complexes greatly enhances receptor-mediated gene delivery and expression of transfected genes," Proc. Natl. Acad. Sci. USA 89:6099-6103, National Academy Press (1992)				
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	48	Wagner, E. et al.: "Transferrin-polycation conjugates as carriers for DNA uptake into cells." Proc. Natl. Acad. Sci. USA 87:3410-3414, National Academy Press (1990)				
	AS	48	Wagner, E., et al., "Influenza virus hemagglutinin HA-2 N-terminal fusogenic peptides augment gene transfer by transferrin-polylysine-DNA complexes: Toward a synthetic virus-like gene-transfer vehicle." Proc. Natl. Acad. Sci. USA 89:7934-7938, National Academy Press (1992)				
	AT	48	Wagner, E., et al., "DNA-Binding Transferrin Conjugates as Functional Gene-Delivery Agents: Synthesis by Linkage of Polylysine or Ethidium Homodimer to the Transferrin Carbohydrate Moiety." Bioconjug. Chem. 2:226-231, American Chemical Society (1991)				
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	42	Walker, C., et al., "Cationic lipids direct a viral glycoprotein into the Class I major histocompatibility complex antigen-presentation pathway." Proc. Natl. Acad. Sci. USA 89:7915-7918, National Academy Press (1992)				
	AS	42	Wayner, E.A., et al., "Identification and Characterization of the T Lymphocyte Adhesion Receptor for An Alternative Cell Attachment Domain (CS-1) in Plasma Fibronectin." J. Cell Biol. 109:1321-1330, The Rockefeller University Press (1989)				
	AT	42	Weinstock, L.T., et al., "Synthesis of New Polyamine Derivatives for Cancer Chemotherapeutic Studies." J. Pharm. Sci. 70:956-959, American Pharmaceutical Association (1981)				
EXAMINER					DATE CONSIDERED 12/23/01		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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				FILING DATE November 12, 1999	GROUP 1636		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJP	AR	50	Wickham, T.J., et al., "Targeting of adenovirus penton base to new receptors through replacement of its RGD motif with other receptor-specific peptide motifs." Gene Ther. 2:750-756, Stockton Press (1995)				
	AS	50	Wilson, J.M., et al., "Hepatocyte-directed Gene Transfer in Vivo Leads to Transient Improvement of Hypercholesterolemia in Low Density Lipoprotein Receptor-deficient Rabbits." J. Biol. Chem. 267:963-967. The American Society for Biochemistry and Molecular Biology, Inc. (1992)				
	AT	50	Wolff, J.A., et al., "Direct Gene Transfer into Mouse Muscle in Vivo," Science 247:1465-1468, American Association for the Advancement of Science (1990)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BD	AR	51	Wu, G.Y., and Wu, C.H., "Receptor-mediated Gene Delivery and Expression in Vivo," J. Biol. Chem. 263:14621-14624, The American Association for Biochemistry and Molecular Biology, Inc. (1988)				
	AS	51	Wu, C.H., et al., "Targeting Genes: Delivery and Persistent Expression of a Foreign Gene Driven by Mammalian Regulatory Elements in Vivo," J. Biol. Chem. 264:16985-16987, The American Society for Biochemistry and Molecular Cell Biology, Inc. (1989)				
	AT	51	Wu, G.Y., and Wu, C.H., "Evidence for Targeted Gene Delivery to Hep G2 Hepatoma Cells in Vitro," Biochemistry 27:887-892, American Chemical Society (1988)				
EXAMINER					DATE CONSIDERED 12/23/05		
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	52	Wu, G.Y., et al., "Receptor-mediated Gene Delivery In Vivo: Partial correction of genetic analbuminemia in nagase rats." J. Biol. Chem. 266:14338-14342, The American Society for Biochemistry and Molecular Biology, Inc. (1991)				
	AS	52	Yagi, K., et al., "Incorporation of Histone into Liposomes Increases the Efficiency of Liposome-Mediated Gene Transfer." J. Clin. Biochem. Nutr. 10:21-25, Institute of Applied Biochemistry (1991)				
	AT	52	Yoshimura, K., et al., "Adenovirus-mediated Augmentation of Cell Transfection with Unmodified Plasmid Vectors." J. Biol. Chem. 268:2300-2303, The American Association for Biochemistry and Molecular Biology, Inc. (1993)				
EXAMINER					DATE CONSIDERED 12/23/05		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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AL						Yes
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AM						Yes
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AN						Yes
						No
AO						Yes
						No
AP						Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BJB	AR	51	Young, J.B.-E., et al., "Interaction of Enveloped Viruses With Planar Bilayer Membranes: Observations on Sendai, Influenza, Vesicular Stomatitis, and Semliki Forest Viruses." <i>Virology</i> 128:186-194, Academic Press, Inc. (1983)
	AS	51	Zenke, M., et al., "Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way to introduce DNA into hematopoietic cells." <i>Proc. Natl. Acad. Sci. USA</i> 87:3655-3659, National Academy Press (1990)
	AT	51	Zhou, X., and Huang, L., "DNA transfection mediated by cationic liposomes containing lipopolysaccharide: characterization and mechanism of action." <i>Biochim. Biophys. Acta</i> 1189:195-203, Elsevier Science B.V. (1994)

EXAMINER

DATE CONSIDERED 12/23/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	54	Zhu, Z. et al., "Transformation of tobacco protoplasts with DNA entrapped in pH-sensitive liposomes." Plant Cell, Tissue & Organ Cult. 22:135-145. Kluwer Academic Publishers (1990)				
	AS	54	CAPLUS. Accession No. 1972:461856. STNEasy CAPLUS English language abstract for Hetschko, M., and Gosselck, J., "Reaktionen von sulfoniumsalzen des 1,1-dichiolans und seiner 2,2-substitutionsprodukte." Tetrahedron Lett. 17:1691-1692. Pergamon Press (1972) (Document AT23)				
	AT	54	Dialog File 351. Accession No. 7672839. Derwent WPI English language abstract for EP 0 304 111 B1 (Document AN4)				
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05		
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November 12, 1999

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U.S. PATENT DOCUMENTS

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B3P	AR	55	Dialog File 351, Accession No. 8628544, Derwent WPI English language abstract for WO 91/04668 A1 (Document AO4)
	AS	55	Dialog File 351, Accession No. 8822189, Derwent WPI English language abstract for DD 290 877 AS (Document AN5)
	AT	55	Dialog File 351, Accession No. 9150067, Derwent WPI English language abstract for WO 92/13570 A2 (Document AL6)

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U.S. PATENT DOCUMENTS						
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BJD	AR	56	Dialog File 351, Accession No. 9417386, Derwent WPI English language abstract for WO 93/07282 A1 (Document AL7)			
	AS	56	Dialog File 351, Accession No. 9440951, Derwent WPI English language abstract for WO 93/07283 A1 (Document AM7)			
	AT	56	Dialog File 351, Accession No. 9481543, Derwent WPI English language abstract for EP 0 544 292 A2 (Document AO7)			
EXAMINER <i>[Signature]</i>					DATE CONSIDERED 12/23/05	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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AM							No
AN							Yes
AO							No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BJD	AR	57	Dialog File 351, Accession No. 10073779, Derwent WPI English language abstract for WO 94/23751 A1 (Document AN8)				
	AS	57	Dialog File 351, Accession No. 10968033, Derwent WPI English language abstract for WO 96/31549 A1 (Document AO10)				
	AT						
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